

Vision for the Northeastern Illinois Expressway System

Presentation to the
Bicycle and Pedestrian Task
Force

June 8, 2017

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Chicago Metropolitan
Agency for Planning

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Today's Agenda

- The Chicago Region's Expressway System
- Project Purpose and Overview
- Project Schedule
- **Draft Goal Areas**



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The Chicago Region's Expressway System

Sample of Major Issues:

- Importance of expressway system for economic development;
- Backlog of unfunded reconstruction needs;
- Unaddressed, long-term congestion issues;
- Mass transit needs; expressways need to work better as multi-modal transportation corridors



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The Chicago Region's Expressway System

Sample of Major Issues (Continued):

- Freight bottlenecks;
- Coming vehicle automation and communications technologies;
- Environmental and climate challenges;
- Neighborhood impacts.



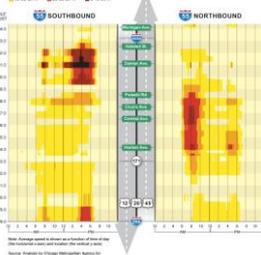
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The Chicago Region's Expressway System

145 Congestion Scen, 2000 Travel Patterns

Legend: 0-10 MPH, 10-15 MPH, 15-20 MPH, 20-25 MPH, 25-30 MPH, 30-35 MPH, 35-40 MPH, 40-45 MPH, 45-50 MPH, 50-55 MPH, 55-60 MPH, 60-65 MPH, 65-70 MPH, 70-75 MPH, 75-80 MPH, 80-85 MPH, 85-90 MPH, 90-95 MPH, 95-100 MPH



Unaddressed Congestion Issues

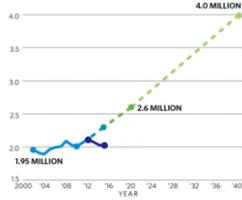


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The Chicago Region's Expressway System

Average weekday unlinked transit trips, 2002-40, with targets, in millions



Source: Federal Transit Administration National Transit Database



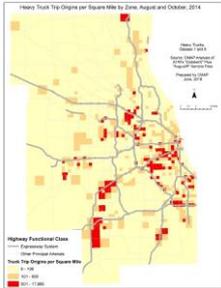
Mass Transit through Multi-Modal Transportation Corridors



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The Chicago Region's Expressway System



Freight System Needs



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Project Purpose and Overview

Project purpose: create a vision for the northeastern Illinois expressway system.

Objective: Chart a bold, multi-modal, long-term course for the system, regardless of ownership, that future IDOT and Tollway capital programs and operating policies can draw from.

Objective: Inform *ON TO 2050*, the region's long-term comprehensive plan development process.



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Project Purpose and Overview

Project highlights:

- Conceptual goals development
- Planning-level examination of the investments and management strategies needed to improve system condition and performance
- Corridor recommendations supported by conceptual engineering and order of magnitude cost estimates



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Project Purpose and Overview

Project highlights (continued):

- Estimating revenue from tolling and value capture
- Solutions for traffic diversion impacts
- Multi-modal focus. Transit needs and opportunities will be evaluated for each study corridor. Freight bottlenecks also need to be addressed.



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Project Schedule

Spring, 2017	Initiation, project goals, committee engagement
June, 2017	Consultant start
Summer, 2017	Trends/strategies, committee engagement
Fall, 2017	Corridor recommendations, open houses
January, 2018	ON TO 2050 Recommendations
March, 2018	Draft Vision, Committee Engagement
May, 2018	Final Deliverables Due



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Goals We Have Identified

Support the region's economy:

- Promote long-term regional economic growth
- Improve truck freight movement
- Make the system financially sustainable



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Goals We Have Identified

Enhance operations:

- Provide game-changing mass transit improvements
- Prepare for vehicle automation and leverage communications technologies
- Achieve a state of good repair
- Improve safety
- Address the most intractable congestion issues



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Goals We Have Identified

Manage environmental impacts:

- Improve roadway environmental performance
- Reduce negative impacts on neighborhoods
- Adapt to a changing climate
- Leverage expressway right-of-way for broader needs (such as stormwater management, communications, utilities, and energy production)



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Additional Goal Areas/Ideas?

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